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SPEECH COMMAND INPUT RECOGNITION SYSTEM FOR INTERACTIVE  
COMPUTER DISPLAY WITH MEANS FOR CONCURRENT AND MODELESS  
DISTINGUISHING BETWEEN SPEECH COMMANDS AND SPEECH

*Ans A1*      QUERIES FOR LOCATING COMMANDS

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Abstract

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A speech recognition system which does not switch modes of operation when interpreting speech queries, such as help queries, or receiving actual spoken commands. The system handles both concurrently and seamlessly in the same operation mode. The present invention is directed to an interactive computer controlled display system with speech recognition comprising means for predetermining a plurality of speech commands each associated with a corresponding plurality of system actions in combination with means for concurrently detecting speech commands and speech queries for locating commands. There is also provided means responsive to a detected speech command for carrying out the system action corresponding to the command, and means responsive to a detected speech query for attempting to locate commands applicable to said query. The system also includes means for displaying the detected speech query together with means for displaying located commands applicable to said query. The system may further include means responsive to a detected speech query for modifying a displayed prior speech query whereby a user may speak a displayed located command to activate said means for carrying out a system action or speak a query to modify said prior query to locate commands other than said displayed commands without switching between command and query modes of speech detection.

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